FLORENCE, PINAL COUNTY, ARIZONA, SATURDAY, OCTOBER 25, 1890.

VOLUME X.

FATHER MATHEW, THE TEM-PERANCE APOSTLE.

Wonderful Reformation Accomplished by the Famous Priest of Years Ago ... Antagonized by the Clergy of his Own Church and Compelled to Reg.

Inter-Ocean.

On this centenary of the birth of Father Mathew, the famous apostle of temperance, the world will be refreshed by a review of the wonderful success and per-sonality of that truly great exemplary man. Whoever can reclaim a dozen of drunkards, like he who can make two blades of grass grow where only one grew before, will ever deserve well of months to 200,000.

Idea that truly great a company of that truly great and results passed to the Mexicans carried a scythe blade, wrapped in a gramy outfitting for the trip.

Capt. Beaty states that it is the intensity of the months to 200,000.

They were busily engaged yesterday in outfitting for the trip.

Capt. Beaty states that it is the intensity of the months to 200,000. ereever a co-worker in the noble cause of temperance yet lives.

Father Mathew was born at Thomastown, County Tipperary, Ireland, Oct. 10, 1790, of a family which, like that of Robert nett, had gone to Ireland in the times of Cromwell and settled and assimilated with the Irish people, becoming, in the in the arena of thought and action.

HIS ANCESTOR, GEORGE MATHEW, had married Lady Thuries, scion of the some of the vast estates which were found in the hands of the Butlers about the time of James II. In time the Mathews became Earls of Llandaff, and the now extinguished in the British peerage and Father Mathew was the last man of his race and name to whom posterity will possibly accord remembran

sisters, and was left an orphan at an fifty years ago by Father Mathew, a The advent of the famine years in Ire-And, having evinced a desire to study for priesthood, he comp'eted his theologd course in Spain, and subsequently age of 23. Shortly after leaving college found Ireland and her people weighted down heavily by other chains than those well as by the tyranny of power, and in
well as by the tyranny of power, and in the streets of Troy, and for whom seven
order to form some idea of the state of in the streets of Troy, and for whom seven
eities fought for the honor of possessing
eities fought for the honor of possessing

country to declare himself a total abstain-er. The society made but little headvery graciously. In 1832 Asiatic cholera visited Cork, and the young priest was to be seen daily seeking out objects for giving both money and spiritual consola-

was nearly double what it is now, and the church was reaping a rich harvest off the burial fees of the poor people who were stricken down with the cholera. Father Mathew immediately bought a piece of ground in the neighborhood of Cork, known as the Botanic Garden, converted it into a burial ground, and de-voted a large portion of it gratuitiously This was his first philanthropic act, which created Father Mathew much deserved popularity and approval. When the poor Irish peasant was born into the world he was taxed, and at every sucworld he was taxed, and at every successive stage of his life until he went into the clay from which men originally ally. A part of this finds its way into the visition, in order to inter their remains in their mother earth. God and humanity had decreed for the future temperance rewho comprised the Cork Temperance Father Mathew's aid in the good cause of restraining the spread of intemperance, which had already grown to a frightful

Martin, "and do not refuse it. In 1838 Father Mathew took up the

THE CORR TOTAL ABSTINENCE LEAGUE. He preached the great benefits of temperance and virtue with a success which had never before been equalled since the into Cork from places far and near, and the fame and example of the young Capuchin friar and the raid he was making on the groggeries where vice and misery went hand in hand was the theme and admiration of all tongues. Like every great temperance cause It is somewhat unpleasant to know that while it thus received a wonderful acdistribution in Father Mathew, the general body of the Catholic clergy of the dioces-es of Cork and Cloyne, if they did not oppose him, it is said, did not cordially farther the movement of Father Mathew, whose name is now one of the brightest or naments in the Catholic Church. not a bit more remarkable than the fact that some of the saints who are now can-onized were men who in life were coldly received by the church which now claims the exclusive fame for their virtues. Strong pressure was brought to bear on the clergy to discountenance the Father Mathew movement by the saloon-keepers, preferred nursing conspiracies like those of the Terrpalts and White boys, or in splitting the people into factions like the "Shanivists" and "Corayoths," the "Gows" and the "Poleens," than favoring any virtues in the direction of civilization.

HE REDEEMED THE IRISH | Ireland of to-day. He lived a life of exemplary retirement from political turmoil of the time, subsisted upon the humblest an obscure corner of the city; began work at 7 in the morning and retired to rest at

> In a year after this gifted man commenced there was a perceptible improve-ment in the condition of Ireland; distil-leries and saloons were closed. He even shut up his own brothers both of whom were in the trade, one at Coshel and the other at Cork. The success of Father Mathew's mission is best illustrated by the fact that in 1838, when he commenced work there were 12,200,000 gallons of whisky distilled in Ireland, and in 1844, when he practically ceased, the amount did not result more seriously is certainly was only 5,546,483 or considerably over fortunate. He was returning, horseback, by a 100 per cent of a decrease. In the same from San Carlos, and when near the Red-per year when he commenced Father Mathew man slaughter house met two Mexican will proceed to Altar, Sonora, to look

Theobald Mathew is one of these men tinue a member of the teetotal temperand his name is held in high esteem advice and example to discountenance the cause and practice of intemperance in others." Around the pledge was the name of the "Cork Total Abstinence Science Research and then his moccasins and being refused both, the Kid fired the shot ciety, Very Rev. T. Mathew, President."

THE PLEDGE WAS ADMINISTERED words of the historian, "more Irish than to the people while kneeling in the the Irish, themselves." For the families chapels and when the pledge had been which produced priests like Father Mathew added. "May God sustain patriots like Edmund Burke, et Mathew added. "May God sustain you in keeping it." Whenever the toper soldiers like Wellington, Ireland has no broke the pledge he was obliged to reneed to blush, for these names are the turn the card and medal; and the strength very beacon lights of her glory, at least of faith in and of association and sample was so great that the pledge was generally kept and whenever it was broken the people revered the man so much that great Duke of Ormonde, and so inherited of the medal. This of Father Mathew's was one of the most remarkable religious revivals ever known, and would doubtless be possible again if the example of simple faith and self-sacrifice and devotion inrecipients of a rental of nearly \$200,000 spired men once more as in bygone days, a year from Irish tenants. The title is The world can best be reformed yet by utilizing the bonds and influences of re-ligion, but it is doubtful if the world will ands made on the minds and affections

daughter of the Earl of Llandaff, took him under her care and sent him to organization which Father Mathewfoundto successfully combat the evil, or if able is not ready or willing to do so. Had the Cork, and it was here he was destined to might be the destiny of the Irish race at develop those wonderful features and home and abroad. But it is regrettable of the voters in the new part of the charms of life which have since made his to think that the great and gifted instruname a household word in the annals of ment of God's will who had done so much but the political complexion of Globe to be arrested for debt and had in his to be arrested for debt and that it is declining years to apply to the British crown through Sir Robert Peel for a miserable stipend of \$1,500 a year, to keep body and soul together.

temperance work, we have only to look his remains, marble statues are now raised up some of the works of the period, like to commemorate the piety and virtues of name of the great apostle was submitted splendid condition. Teams from Will-to Rome by the Catholic clergy, as the man most worthy to succeed to the see, the name of Father Mathew was summented. With fair weather copper minmarily set side for "diplomatic reasons" ing any other man from following in his kind of compensation for this slight, Father Mathew was invited to Rome and refused to go, but came to America in 1849, eurolled 600,000 members in the cause of temperance. He was enthusiasically received in New York, and pub-icly feted and entertained by the President in the White House; and for ages to of some importance, although we are uncome, his name and services to God and able to learn anything definite in regard generous hearts, and at the mention of Fathew Mathew's name, men's minds will ple and the lives of the Apostles.

dians have achieved a reputation for durability, second to none in the world. A produces these indestructable blankets

nay prove interesting.
The Navajo tribe of Indians own imregular markets through the traders, but the greatest portion is carefully selected for the manufacture of blankets. After being cleaned, carded and dyed by a process known only to themselves, the wool is ready for the loom. The weavers are important personages and will only per-form the labor of making the blankets, therefore the work of erecting the ho-gan which contains the loom, devolves upon ing six rough bewn poles at regular intervals apart, forming a small square. On top of these boughs of trees are placed to form a roof and shade from the burning rays of the sun. The center poles form the sides of the loom and about a foot from the top and bottom, cross-poles with holes bored through them for the warp, are securely tastened with rawhide thongs.

The warp is made of the fibers of the yacca tree. It is treated in a manner known only to the Indians who prepare it and the secret will not be divulged to a white man; therefore their blankets can mly be duplicated in quality and texture themselves. Formerly these blankets were made solely for their own use, but since the Navajoes were conquered by the government and thrown almost entirely on their own resources for livelihood the value of their blankets was impressed upon their minds by traders and has become the leading industry of these Indians.

When it is known that it takes two weav-ers ten weeks to make a blanket which Navajoes get little recompense for actual labor. A small saddle blanket requires a month's toil and is sold for from \$5 to \$30 secording to design. The other blankets re not only serviceable for bedding, but make unique and durable house rugs and carriage robes. They will positively hold water. They are made in every color and design peculiar to the Indian and are marvels of correctness and artistic blend-

New York Journal of Finance. The Tombstone district of Arizon within the next two years will develop promising mining camps on the Pacific coast. For the past two years it has been dead owing to the scheming of Chicago capitalists to freeze out poor owners of

GILA COUNTY.

fare, dwelt in an unpretending house in A GENERAL SUMMARY OF THE NEWS OF THE PAST WEEK.

> A Serious but not Futal Accident - Kid has Sounded his own Death Knell --Heavy Registration of Voters-Other

Silver Belt. Dennis Murphy met with a peculiar accident on Wednesday last, and that it found in Cork 60 total abstainers. In riders who separated and Dennis passed over their possessions in the presence of his neighbor thigh just above the knee cap, and cut the enterprise.

In our last issue we made mention of the Kid's shooting another Indian. Since position is a good one and will prove a success as the company has the land, success as the company has the land, ing liquors except medicinally, and by then we have learned the particulars atcidentally met his victim and demanded wealth. which resulted fatally, and was about to shoot again, but contented himself by taking the man's moccasins. The Kid expressed the determination to kill "every one of you whom I meet. I am going to need you whom I meet. I am going to be under the content of the Altar river and an immense tract along the international boundary line.

Very unexpectedly, following these world in the year 2072 will be one of the populations one of the most ever made. Its special study of figs, corroborated Dr. Eisen's views as to the identity of the boundary line.

Very unexpectedly, following these world in the year 2072 will be one of the most ever made. Its special study of figs, corroborated Dr. Eisen's views as to the identity of the boundary line. we in his being killed. The band to which the deceased belonged is now determined to hunt the Kid to the death and that they will succeed in ridding the world of this author of the many the climate is a certain evidence of the control of the climate is a certain evidence of the control of t

cooked advance in the copper mining industry of Globe district was the blowing in the Buffalo Copper Mining Company's in the Buffalo Copper Mining Company's ican, commonly known as the McWood furnace on Tuesday morning. Couli-dence was felt that successful beginning would be made, as Dr. Alex. Trippet, ond of these roads will undoubtedly be only in these wild figs. Some representation of the Nilse Copper for the little insect, blasto-haga, breeds only in these wild figs. Some representation of the Nilse Copper for the Capital as considered to construct the Signature of the Capital as constitutions and the Smyrna importation, were explained by Dr. Eisen in detail. It is the second of the Signature of the Capital as constitution, were explained by Dr. Eisen in detail. It is the second of the Signature of the Capital as constitution, were explained by Dr. Eisen in detail. It is the second of the Signature of the Capital as constitution, were explained by Dr. Eisen in detail. It is the capital as constitution, were explained by Dr. Eisen in detail. It is the capital as constitution of the Signature of of the S cided advance in the copper mining in-dustry of Globe district was the blowing in the Buffalo Copper Mining Company's furnace on Tuesday morning. Couffdence was felt that successful beginning Cook; and the result equals the most sanguine expectations. The hitches which almost always occur in the starting Mexico, and Tucson will come in for her sums. The precise difference in formation between the Capri and other figs was explained by blackboard illustration. The roads made on the minds and anections and lives of men as were made in Ireland of a new plant and in smelting untried fifty years ago by Father Mathew.

which almost always occur in the starting of a new plant and in smelting untried was in this instance noticeably absent. The following gentlemen, members of views were that caprification is necessary far been very satisfactory and copper is now going forward to Willeox.

is not ready or willing to do so. Had the Father Mathew movement been carried out and encouraged loyally from his day to make the forcest what the forcest white which was the forcest what the forcest white whic to ours it is impossible to forecast what precinct is a conundrum which can only be solved by the election. There has al-

ing will boom the coming winter.

During the absence of Superintendent
Walker the Old Dominion smelter and sacred footsteps, or imitating the noble example of his remarkable life. As a

no more capable men anywhere. The affairs of the company here are prospering, and the smelter is turning out its usual quota of copper bars, about 15 tons a day. A report is current of a strike of silver in the Rescue mine. It is believed to be

Dr. Hunter, of Salt Lake City, Utah, arrived here recently to look at some mines in Hassayampa district. The Dr. is of the company that is represented by Mr. Lewis. He says he is satisfied with investments his company has made here. He is an owner in large low grade mines in Bingham cañon, Utah. Onyx people received another payment

yesterday. Speaking of the onyx, a Los Angeles friend of the Courier wrote as follows on a recent day: "I see, by the way, a very fine exhibition of polished onyx at the chamber of commerce, from Big Bug near Prescott. It excites great attention and is much admired. Experts here say that except in the black and white varieties, it is freer than Mexican onyx and that any extensive deposit would be very valuable. They also say that if the owners use dynamite in the min they will ruin it by cracking the stone." Messrs Haynes and Helm arrived re-cently from Bradshaw. They started operations on the Tiger and Oro

from the same section. His properties are Five more stamps are being put in the Roberts mill, Castle creek. The mine pays well in gold.

Better Begin on Beets. While Territorial Treasurer Smith was at San Diego he became interested in the problem of sugar beet raising. Claus Spreckles had distributed seed throughout San Diego county and the results were reported from each district, showing where the same statement. ing where the most favorable localities for such an industry lay. Mr. Spreckles'

FIG CULTURE. AN IMPORTANT ENTERPRISE.

The Altar Land and Colonization Com

Tucson Star.

is in the city. Capt. Beaty represents the Altar Land and colonization company of Sonora, Mexico, which has over 2,000,000 acres of fine agricultural and grazing land in the vicinity of Altar and extending down to the gulf of California.

Messrs, A. N. Reed a member of the Boston chamber of commerce and H

Freidlander of the firm of Leon & H. Blum, Galveston, Texas, are also here with Capt. Beaty and J. W. Henderson banker of Humboldt, California, will ar-

mankand and do something to earn that immortality which fadeth not away. But to overcome wholesale the temptations of please in the presence of his neighbor thick mankand and do something to earn that the presence of his neighbor thick mankand and do something to earn that the presence of his neighbor thick mankand and do something to earn that the presence of his neighbor thick mankand and do something to earn that the presence of the left to the people and to administer to each a caught Dennis on the left ed hands with an English syndicate in of the five known

being refused both, the Kid fired the shot about two and a half millions of acres of a very distinct type from the White Ad-

of this outlaw admits of scarcely a production of all the Truits grown along the Mediteranean.

An important event that make it is a certain evidence of the raised from seed taken from seed taken from a for the production of all the Truits grown along the Mediteranean.

The Mediteranean evidence of the raised from seed taken from a for the production of all the Truits grown along the Mediteranean.

The Mediteranean evidence of the raised from seed taken from a for the production of all the Truits grown along the Mediteranean. Three railroads have been projected to

superintendent, had given careful atten- built in the near future and the prospect tion to the final arrangements, in their of speedy colonization of the country will and found to contain, differing from other minutest detail, ably assisted by E. H. revive interest in and hasten the construc-

production of copper bars has thus the company, have been in our city for views were that caprification is to been very satisfactory and copper is several days and leave to-day for Altar to for the Smyrna fig. in order to organization which Father Mathew founded, closed up the temperance rooms, and there has been no man since his day able to successfully combat the evil, or if able is not ready or willing to do so. Had the

More About Arizona Onyx.

Los Augeles Times. he chamber of comp terior of which are lined with most gor-geous specimens of Arizona onyx. The pieces are cut in all sorts of fantastic inch to two inches in thickness, and from a few square inches to a foot or two in superficial dimensions. In their markings they are as varied as the figures in a kaleidoscope, no two being exactly alike. Some are black and white, some pure white, some of a beautiful pale green tint, some solid brick-red and others mottled with one or all of these tints. There is about every known color and tint of a color represented. The polish of the stone is like plate-glass. In the thinner slabs it is translucent and almost trans-parent. The markings on opposite sides

located in Yavapai county, Arizona, twenty-eight miles from Prescott. The rock lies in laminated state, like lime-stone, the layers being from a few inches there has been a break in the formation it can be traced to a depth of fifty feet. The deeper the penetration from the surface the more solid becomes the formation, and there is no telling how deep it may go. The onyx can be taken out in about as easily as marble, and is hard enough to be susceptible of the finest polish. The probability is that it will

\$7,000,000 and \$8,000,000 in silver, and G. A. Smith, the well known mining broker them to Chicago or New York for exhibition. The best marble commands from \$2 to \$6 per cubic foot, and Mexican onyx sells for from \$8 to \$20 per cubic foot in the rough. As there are many millions of cubic feet of onyx in the mine which Messrs. Mason and Smith represent, it is evident that the samples with Dr. Eisen, replying to Lelong, said that, to so far as the best authorities state, there are now no true Smyrna figs, similar to these Bulletin figs, in either Italy or France. So, if the Minister of Agriculture of France discourages caprification discourages the samples with Dr. Eisen, replying to Lelong, said that, to far as the best authorities state, there are now no true Smyrna figs, similar to these Bulletin figs, in either Italy or France. So, if the Minister of Agriculture of France discourages caprification. which Messrs. Mason and Smith repre-sent, it is evident that the property will go well up "in the pictures."

A very slick case of protracted sneak Thomas Brown and Thomas Cochrane, thievery has just come to light. Juan Mr. Maslin expressed the belief that two well-known miners, are here from Jacinto for two years past has been in sulphuric fumes gained entrance to the Star omce and at his home. During this time and up to a month ago Juan was considered strictly honest and trusts.

Now it has been discovered that he is a most consummate rascal, stealing every. thing stealing at the process of the star of the st the employ of L. C. Hughes, both in the Star office and at his home. During this finest fruit.

AN INDUSTRY OF PRIME IMPORT. ANCE TO ARTZONA.

The True Smyrna Fig and its Superiority... How to Increase the Crop in Quantity and Quality.

At the last meeting of the State Hor ticultural Society there was a long dis-cussion on fig-growing. The following outline was prepared by Charles S. Aiken, a member of the society, for the Evening An interesting address on the Smyrn

fig was given by Dr. Gustav Eisen. He related that in the fig plantation at James Shinn's at Niles, among the trees grown from Bulletin cuttings he had found three of the five known varieties of choicest Smyrna figs, and he had found also grow-

The value and use of the Capri fig. from the Niles Capri figs were examined

without caprification. This matter of caprification is easily managed. Since trees are here, the insect which makes its home in them may easily be obtained by importation, and with them perfect fruit and more of it on Smyrna trees may be assured. An obstacle similar to this was met by West India planters some years ago when they started to raise vanilla beans. The bearer would not mature until they brought from South America a pollen-carrying moth which made fruitful the otherwise barren blossoms. In figs of this type, it is claimed by Dr Eisen, caprification will increase years ago when they started to raise vanilla beans. The bearer would not ma-ture until they brought from South by Dr. Eisen, caprification will increase size and yield, will prevent possible souring, and will make the tigs drop in every instance when ready for gathering. The

White Adriatic sets fruit without caprification, but its fruit is not perfect. Its seeds will not reproduce. There is a wild fig similar to the Capri in Lower California, but the fruit of the Capri is about 50 grape and the products of its vineyards, times larger than this native fig. Any so that now the California grape is sold districts is regarded by the natives as a great calamity because then all the fruit, to be cut from the trees instead of picked been much complaint around Fresno of White Adriatic figs souring: caprification would likely prevent this rouble. Apparently figs som more in hot interior districts than where fogs

perfect fruit, caprification will be found necessary, and the speaker expressed conThe Rio Grande valley has the soil are fidence that in the future the practice will be thought all-important in fig-growing.

A member suggested that some of the finest fruit is really imperfect. The cultivated banana produces no seed, neither shipped all over the country. It is one of

The specimens at the chamber of commerce will remain there only a few days longer, as they are to be shipped east. Everybody who enjoys a thing of beauty should take a look at them.

Aron Mason, one of the original owners of the famous Silver King mine, in Arizona which has the same of the famous Silver King mine, in the Grecian archipelago. There trees have been entirely inclosed in tents and kept from the pollen-carrying insect, and yet those have borne and ripened figs- as well as trees freely exposed. In some Aaron Mason, one of the original owners of the famous Silver King mine, in Arizona, which has turned out between \$7,000,000 and \$8,000,000 in silver and \$1,000,000 in silver and \$2,000,000 in silv simply ripened earlier with insects than without. The French Minister of Agriculture has lately recommended the entire abandonment of the practice of capri-

he is considering a matter which he likely knows nothing about.

Regarding treating figs, Secretary Lelong favored sulphuring by careful fum-ing, claiming that the process was neces-sary to kill all fungus. He showed some of the Delemater figs from Placer sulphured in this way last year, and defied any one to detect the traces of sulphur. fig, generating gas that would spoil the

most consummate rascal, stealing everything stealable at all opportunities, and carrying all to a woman—another man's wife—with whom he was living on upper Pennington street. Nothing escaped his rapacity. He stole from the Star office tools, bars of soap, an alarm clock, pistol, white Smyrna, some of it, at least, was plankets from the printers' beds, which blue as any ever seen and nearly circular for such an industry lay. Mr. Spreckles' beet sugar mill at Watsonville treats 300 he took just after tramp printers had left, for some time beautiful treats and the sugar mill at Watsonville treats 300 he took just after tramp printers had left, giving the impression that the tramps had try is therefore invaluable to any comtaken them, and even a stove and pipe, largest he ever saw. The following year taken them, and even a stove and pipe, largest he ever saw. try is therefore invaluable to any community. It occurred to Mr. Smith that in Salt River valley were many section adapted to sugar beets and he believes where various articles were missed from these seeds. Last year they had sent up shoots nine and ten feet high, and four adapted to sugar beets and he beneves the matter should be carefully investigated. By application to Mr. Spreekles our farmers could doubtless obtain seed for experiment and it would not take long to ascertain whether this county could suppose the specific of the second section whether this county could suppose the second section whether the seco experiment and it would not take long to ascertain whether this county could support a "sugarie" like that at Watsonville and chain belonging to Mrs. Hughes, and ascertain whether this county could support a "sugarie" like that at Watsonville the thing of the the also helper or not. Certainly favorable result would seems a most important addition to our many other promising branches of agricultural development.

Agriculturally Astonished.

Professor Brandt, a California horticulturist of acknowledged ability, accompanied professor Gulley during his observations about Phenix this week in search of an experimental farm site that the general government has authorized to the county could support a "sugarie" like that at Watsonville and fine opal valued at \$39 from Mr. Roche, back. The result was a disastrous, for back. The result was a disastrous, for back. The result was a disastrous, for back in the some branches died, some trees died, and mone bore any fruit this year. From this one bere approached, that it is week in the watch was stolen a negro serve many other promising branches of agricultural development.

Agriculturally Astonished.

Professor Brandt, a California horticulturist of acknowledged ability, accompanied professor Gulley during his observations about Phenix this week in search of an experimental farm site that the general government has authorized to the proceedings of the trees in his seven acres planted the celebrity of a terrific nick. Increasing the classed and the celebrity of a terrific nick. Harding the celebrity of a terrific nick. Increasing the time the watch as a disastrous, for the three dations to one brown this year. From this year, Prom this year, Prose of the trees in his sever cares planted the celebrity of a terrific nick. Increasing the town. They shot up Weem's place and the desired avakening the town. They shot up Weem's place and the delication to leave

ONLY 182 YEARS.

Until the World will be Entirely Peopied---Startling Calculations.

From the Pall Mall Gazette Capt. J. C. Beaty of the city of Mexico is in the city. Capt. Beaty represents the Adapted for Cultivation and Profit—

Committee Commi f the lams of the globe still available for European settlement. The audience consisted of a proportion of quite seven-eighths of ladies. Sir Lambert Playfair dwelt upon the importance of the subcially after the official inquiry European emigrant: Mr. E. G. Raven-stein produced an elaborate set of statis-magnetic material. As the violent atorn swept away the Arctic and Antarctic planet, could "be increased enormo

> there are no extraordinary improvements in agriculture, the population of the world in the year 2072 will be 5994 mil-ual and scientific—this promises to be lands of Africa. One of the theories propounded is that there is a gradual migra-tion of people southwards, so that in time a race of European origin may arise who will be acclimated in the tropics. On the ment! A voice from the central orb on whole, Mr. Ravenstein does not despair that the world will be overpopulated, because as new developments occur new power and Gol-head of him whom the adaptations will be found to meet them. Christian pulpit, often too feebly for our adaptations will be found to meet them. Christian pulpit, often too feebly for our The Rev. John Mackenzie expressed the dull ears, proclaims "the light of this opinion that the Zambesi will all in course of time, be suitable for European From Brazil, thought that there is every pros-pect of a vast system of rail and fluvial in the regions beyond," however larly worry ourselves as to whether the planet, and simultaneously the ices o globe will be over-populated in genera-tions to come. Mr. John Coles, of the Geographical Society and traveling editor
>
> Familiar examples of this are found in mands of speculative land sharks.

California, aside from gold, gained all its celebrity from the cultivation of the grape and the products of us vineyands, so that now the California grape is sold in every American city and is on the table and, as he hopes, "sounds produced on the sun will be heard through the tele-"poor man's fruit." Not so. Millions of tons more will have to be produced and shipped east before the grape can be trus also said that the grape is both "n and drink," and that in eating the lus-cious fruit it needs no accompanying for the invalid, the dyspeptic and the person of rheumatism and neuralgia. The The Rio Grande valley has the soil and the climate to produce the best variety of polish. The probability is that it will entirely supplant marble for slabs on fine furniture, the ornamentation of the finest houses and in the manufacture of ornsments.

does the Washington Navel crange, nor the Sultana or Thompson grape.

Secretary Lelong of the State Board of Horticulture took issue with Dr. Eisen as to the need of caprification for successful load of strawberries are carried into the Chicago market daily in the season over

> in the same quantities. Twenty cars loaded with these grapes should be shipped daily from El Paso to Chicago tons to and the east. Allowing twenty the car and 20 cars to a train, that would be 400 tons of grapes daily, and at \$572,000 for the season. There is no danger but that the grapes will be taken. daily by the children in the east, who would much rather eat grapes, especially the sweet, Inscious Mission grape of the Rio Grande valley, sometimes called the El Paso grape. If it were known that these grapes could be bought here in car load lots, or, if you please, by the train load, eastern buyers would be here and take the crops in the vineyard and do their own packing and shipping. Labor is plenty and cheap, and there would be quick work of the crop as fast as it would be ready for shipments. At Bellmont, Missouri, watermelons, cantaloupes, etc.,

are shipped north and east by the train load. The same could be done here. There is big money in organizing a actual cash money there is in the cultivation of the Mission grape for table use exclusively and shipping them east in train load lots. Will the Progressive

Lordsburg Liberal.

Wednesday evening Wm. Walters, who boasts of the nom-de-plume "Broncho Bill" and Mike McGinnis, who has not producing the thinnest skinned and by far the sweetest fruit.

Ded. They were awakened to find two double barreled shot guns looking at church has now been confirmed by the of gold ore on the Tintic that goes over These factions fought like savages and regular ment at the fairs and is a fresh than the fairs and is a fresh than the fairs and is a candidate for district and markets as so many years ago. Men are nowned paradise of California. Prof. THESE DY-GRACEFUL SCENCES

THE THANK MY LIFE BRUCKON BEFORE

THE HAM MY Jackson is very popular and the milne with the milne with the milne with the milne with the mount of the milne with the milne with the mount of the milne with the mount of the milne with the miln wit

SUN TALK.

MURMURS FROM THE ORR OF DAY

Telephone --- Edison's Greatest Experiment.

From the New York Herald. At Ogden, N. J., there is a mass of iron neld in London upon the question of ore a mile long, standing perpendicular colonization, which showed that many old and extending into the bowels of the earth fields of emigration were being closed to to great but unknown depths, said to ties to show that the world will, in the and uprushes in the sun produce disturbardinary course of things, be fully in- ances of the earth's magnetism, which are abited in about 182 years, which esti- recorded on the magnetometers at the nate considerably extends the period at Kew and other observatories, it has ochich some learned men believe human- cured to Mr. Edison, that the strength of will be crowded out. Having previous- the solar disturbance, as exerted by our by utilizing a vein of magnetic fron ore, gument, he parceled the remainder out of and running around the body of ore sevbe overcome with consecuting the length of the contract of the the earth into: Cultivable land, 28,469, eral miles of wire, forming an inductive and that one of the features of the enterprise is to connect Port Libertad and Port Lobos with Tucson by rail so as to have direct communication with the outside world.

There is no doubt but what the proposition is a good one and will prove a success as the company has the land. sponse to a question, "are without doubt the true Smyrns, and as such they are the standard of life among the various lines leave the iron mountain and extend will be run to a point under the first destined to be of great value to the State.

This company now holds the patents to I am thoroughly satisfied that they are per cent in every decade, and supposing station and connected with the receiving

lions. In speaking of the populations one of the most thrilling experiments that these areas would bear (mentioning ever made. Its successful conductor—

- curious child, who dwelt upon a tract Of inland ground, applying to his ear The convolutions of a smooth-lipped shellhearing a "sonorous codence" and holding converse with the unseen universe i self-will be able to listen to the awa inspiring rush and roar of the sun's

At the Antler on office, boarding house ter forth in inconceivable fury from his bunk house and shaft house, all frame buildings, have been built by the combe preached into the receiving instrupany, and many other improvements The company is known as the Yucea mining company, and is under the supervision of Mr. J. J. Williams, who has also charge of large mining interests in Yava-

vesidents. Mr. J. W. Wells, who has value of this experiment may be immense traveled 3000 miles in Argentina and Every new fact brought certainly to communication all over the country. The milicant it seems at first, becomes to science sum total of the discussion, so far, was in her onward path of research the key an assurance that there are plenty of places in the world fit for population; that there is a demand for population all over the world, and that we need not partien ed by a magnetic storm of the control of the contro

of the Field, later added that he had yel- all astronomical and magnetic observa- the east. low fever in Brazil, and seen a fever in tions. The magnetic storm of November the high plateaux of British Colum- 17, 1882 succeeding the appearance on was a dozen times on fire. As an experiment, one of the Western Union wires between Washington and Baltimore was Thos Bouse lives a short distance beis every reason, therefore, to expect that

Joint Farm and Training School.

Professor, F. H. Gulley, after expending the past three days in Phenix, looking up a site for an experimental farming station in this vicinity, returned to Tucson this morning. Several desirable lo-cations were considered. Toward the proposition took some sort of vague shape which was developed into a well institute a certain connection between the proposed farm and the Indian in-dustrial school which Commissioner These two enterprises could utilize a large tract of land and, by becoming as-sociated together, might more readily ob-tain from the general government and

private subscription such property as utilized. A school of 500 or more young Indians could be readily cared for, according to Commissioner Morgan's en-larged ideas for their proper training The farm could conduct its experiments on a larger scale. Both school and farm would remain under their separate and distinct directories. But when there was a combination might always be effected according to the needs of both parties.

Efforts will be made to carry out ji such a plan of joint and several pro

Phenix papers claim that their mer chants are getting a great deal of trade from miners, farmers, and stockmen of the entire territory to get along well in every legitimate way. It is however, first, a Prescott and Northern Arizona institution and begs home merchants and others to consider their duty to the town section and people. That duty is to corral all the trade possible, to the end that others, as well as they, shall be prost e ous.

We are willing to patronize farms of the entire territory to get along well in We are willing to patronize farms of Maricopa county by purchasing flour, grain, etc., but we would like to draw the our merchants are lax in reaching out for trade let us encourage them to put forth more energy, as it will never do Prescott can and must hold trade that farmers much joy.

are about as near failures as possible. This hint ought to be sufficient to cause

Governor Thomas of Utah has sent out the following official information concerning the Mormon situation in that terring the Mormon situation in the Mormon situation Rogers & Sherick have struck a streak

The Copper Camp.

from the same parties at that time. In

April last development work was com-menced on the Antier, Mr. Phil Oates,

an experienced miner, being placed in charge of the work, and from six to twen-

y-four men have been kept at work since

hat time. Something over 15,000 feet of

rears ago, and a great deal of high grade

ore uncovered which will now be taken out. A tunnel will be run from a point

pai county belonging to Mesars. Phelps, Dodge & Co., and who makes a trip to

his property at least once a month.

Mr. Phil Oates is the general foreman

been in the employ of the owners of the

has the tact needed to get along with the

men who are in his employ. He has

done a large amount of work, and at a

considerable saving in outlay over what

s usual in new mining camps. He has a

valuable assistant in office work in Hugh

The boarding house is run by Sam But-

the market affords is served.

spending the winter with them.

son; altogether 29 men in camp.

on the American people.

The Conference unanimously adopted a

The vacancy in the Presidency, caus

small for this season of the year. The

ing how to support themselves.

a few hundred feet above the camp which

one foot to thirty-five feet in width.

ORANGES IN ARIZONA. Mohave Mine The "Copper Camp," which comprises the Autler and Spuyten Duyvil mines, is THE SALT RIVER VALLEY CITRUS about twelve miles easterly from Yucca. These mines were purchased by Phelps, BELT. Dodge & Co., about two years ago, from G. W. Beecher, J. K. Mackenzie and Jas. A Promising Industry of Southern Arlzona---Thriving Groves of Orangea and Lemons Seen on a Trip to Resborough. The Copper World, four miles above the Antler, was purchased

> Phenix Republican A ride behind Major Evans' find team is not to be despised, and it was with pleasure that a Republican reporter acparty of representatives of the local press on a visit to several orange orchards yes-

the Arizona Canal.

NUMBER 30

opened during that time, and all the work as been done in an excellent manner. The day was well advanced when the Large bodies of ore, mostly high grade start was made, so the trip was neces-surily hurried. The route led through have been uncovered, the ore being from the beautiful farming country northeast of Phonix, the alfaifa fields, in their rich A shaft, now down 100 feet, is being uxuriance, the sleek cattle grazing upon will be continued to a depth of 500 feet them, the orchards, in which the leaves were just tinging with the lines of an-tumn, all contributing to fill out a picture A steam hoist is used, and three eighthour shifts are being worked on the shaft and drift, which is being run at the 100 of rural beauty that could be but pleas-Considerable work is being done on the ing to the eye.

Spayten Dayvil, which joins the Antler of W. J. Murphy, President of the Arizons canal, located about seven miles from Phenix. The trees in the orelard to work on the Copper World, four miles above the Antler camp. Matt Carr has charge of the men at this camp. Consid-erable work was done on this mine two were planted but about a year ago, but, as far as the eye could discern, down the accurately aligned rows, that were as straight as a rule from every direction, There are ten acres of orchard in this piece, divided between trees imported both from California and Florida.

Reaching the great Arizona canal, at the head of the Cross-Cut ditch, and drivworkings of the mine, and will run to a depth at that point of 350 feet, and will ing along it for several miles, the orange grove of the Arizona Improvement Co ore in the mine, when connections will be made with the upper workings.

A good trail has been built from the pany was reached, but a short distance east of the Arizona talls

This orchard, of fifteen sores, was started by the Improvement company for Antier to the Copper World, and as soon as pack animals can be obtained, ship-ments of ore will be from this mine to the the purpose of primarily demonstrating that the soil and climate of this valley are robable amount of 300 tons and upalike peculiarly adapted by nature to the growing of citrus feuits. There has been From the Antler there has already added to the young trees set out only two years growth but the fact is plainly apbeen 200 tons of ore shipped, and ship-ments will be continued. The ore is shipped in car load lots to Jersey City, parent to the visitor that the orchard will within a few years more be a source of N. J. The ore is all above 17 per cent in much revenue to its owners.

The trees have not been allowed to bear to any extent this year, such a course being deemed beneficial to the growth of the wood. Yet on nearly every tree in the grove are several green globes, many of them faintly touched with yellow The oranges are fast ripening and it is the expectation of those in charge to have weeks before the California crop matures.

Most of the oranges are from California nurseries, and are of the Washington Navel and Malta Blood varieties. The fruit is uniformly of large size and in strength of growth, greenness of leaf and general characteristics of health, it would

property for several years, having acted in a like capacity in Globe, San Carlos and Sonora. He is a thorough miner and seem as though the tree could not be ex-Several rows are of the Tangerine or "Kid glove" variety, a Florida orange highly esteemed in the East. The trees, though of the same age, are smaller than their neighbors from California, and have a slender, pointed leaf. The oranges are also quite small, and are much the shape E. Shroeter, a young man recently from of a pear. They are said to be very deli cate in flavor and possess the advantage that the skin peels very readily, insuring cleanliness to the hands of the person eat

er, and it is ucedless to say that the best | ing them. Mrs. Musser has been quite ill, but is during the summer season, but the final irrigation has now been given until the Water is applied about once a month derson, of Los Angeles, Cal., cousins of a crustappears upon the ground, a culti-Sam Butler, are recent arrivals in the vator is used to mellow up the soil. The east of the oranges is a grove of White Adriatic fig trees. They are only low the camp, and is furnishing beef for that locality. Airs Bouse and baby have but recently returned from California.

Miss Dora Saunders, of Julian, Cal., is there is a happy conceit, in the shape of a garden of perhaps two-thirds of an acre. Within the enclosure made by a spending the winter with them.

The men around camp are a jolly lot of hedge of Monterey cypress are lemons, boys, and during the hours of rest make bananas, guavas, loquots, palms, grivilias it pleasant for visitors.

There are a number of Kingman boys and many other fruit producing

in the camp, among them Theo. H. Harris, Matt Carr. John Musser, Frank Hale, obtained by surrounding the palm that marks the center of the plot with a cir-Thos. Steen, John J. Hendry, J. Robincular hedge of roses, alternately white and red. The plants and trees within the garden are set out mainly for experiment, but all appear to thrive upon Arizona Will Solve the Indian Problem for Us. At the Lake Mononk contened, the Executive Committee, in reporting a platform of Mononk for 1820, reviews the pany's orchards has emboldened many other settlers under the Arizona Canal to other settlers under the Arizona Canal to

haps twenty small orchards of oranges under cultivation in the northern valley. The officers of the company seem to be form calls for a further extension of educto the preparations for self support; protests against the removal of capable made by them there might be noted a system of avenues which, though now "out on the desert," are likely to be grand highways for the citrus belt of the future. Each of the avenues has been bordered urges churches to larger gifts and greater among the Indians; reaffirms, as a funtrees and one, which is evidently intended to be the main artery, has, for four and damental principle which should control all the friends of all Indians, that all work for them, whether by private benevolence or by the government, should be done in trees paralleling on the inside each of the lines of ash trees.

The trip would have been prolonged, when the Indian races of this country will be absorbed into the body of our citizens and the specific Indian problem will be merged in the great problem of

but the coming of the twilight hid the landscape from view and the homeward journey was perforce taken up.

Farmers, as a rule, do not think very highly of such agricultural instruction resolution urging that money received from the sale of surplus reservation land be held as a fund to aid Indians in learnas is obtainable in agricultural schools. They have good reason for not doing so-for it must be confessed that as a rule, the colleges of this class have been prac-tically a failure. We will not here disby the death of General Clinton B. Fisk, has been filled by the election of Dr. cuss the reasons why, but they have all sbeen practically a failure. At the same Merrille Gates, president of Amherst time it is greatly in the light of the farm-ers themselves, for them to entertain such contemptuous ideas of learning farming out of books. They may not know it, but not to-day reaping immense advantages from this very book farming. For almost There is money in growing cabbages, all the improvements, in the character and quality of grains, fruit, vegetables, etc., and to some extent in implements and machinery have come either from the nen who made the farm book, or learnt what they know out of them. Book farming is a good thing to know, if we get the right kink and get it right. We are glad to know then, that con-gress has passed an act that will very and will himself buy forty carloads of cabbages and potatoes, if he can get them. He says that he also knows of several commission men in the East who have their eyes turned toward California for colleges in carrying out their work. s pat and to the point, and it will become sional aid given the agricultural college of Arizona has been well placed. that the supply of potatoes in the East, especially in Colorado, Kansas, and Minnesota and Wisconsin, has never been so

N. W. Faison, who came into town last Thursday evening from the Silver Bell mining district, which is about forty miles from this city in a northwesterly direct some lead claims which he discovered last April, now known as the "Lead Carare looking fine, and a good showing of ore is being uncovered.

This removed the Esmeralda mine bonate," and the "El Piomo" mines, and that he has been taking out very high grade of lead carbonate. The Silver Bell mining company, are,